

CONTENTS

	<i>Page</i>
AIM OF WORK AND SCOPE OF THESIS	1
REVIEW OF LITERATURE	3
DIABETES MELLITUS (D.M.)	
Definition	3
Classification	3
Pathogenesis	5
Immunogenicity of Insulin	11
Anti-insulin Antibodies	13
Metabolic Changes in D.M.	15
Diagnosis of D.M.	19
Glycosylated Haemoglobin	24
LIPOPROTEIN	
Types and Structure	26
Metabolism of Lipoprotein	30
APOLIPOPROTEINS	
Definition	35
Nomenclature and Types	35
Position of Apolipoprotein in Lipoprotein Molecule	36
Structure and Physical properties	37
Distribution and Content in Lipoproteins	43
Lipid-protein Interaction	45
Metabolism of Apolipoprotein	47
Functions of Apolipoproteins	
Lipoproteins and Apolipoproteins Abnormalities in DM	54
Factors Affecting HDL Metabolism	63
MATERIALS AND METHODS	65
Materials	65
Methods	67
Statistical Analysis	84
RESULTS	92
DISCUSSION	182
SUMMARY AND CONCLUSION	196
REFERENCES	198
ARABIC SUMMARY	